

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (Currently Amended) A method of operation of a client computer comprising the steps of:
 - (a) displaying, at the client computer, a multilink as a hyperlink, the multilink providing a logical point of access to a plurality of distinct files, each of the plurality of distinct files having a respective unique electronic address, each of the electronic addresses being associated with the multilink, each of the electronic addresses being contained in a file at the client computer, the file containing the electronic addresses of the distinct files being interpretable to display the multilink;
 - (b) generating a menu of options, at the client computer, in response to a user's selection of the multilink, each option of the menu of options being associated with at least one of the plurality of files; and
 - (c) transmitting, from the client computer, a request for a user-selected file associated with a user-selected option, the request being made using a corresponding one of the electronic addresses of from the file interpretable to display the multilink.
2. (Canceled)
3. (Previously Presented) The method of claim 2, further comprising the step of:
 - (d) selecting, at the client computer, the user-selected option from the menu of options, the user-selected option being associated with the user-selected file, step (d) being performed intermediate steps (b) and (c).

Reply to Office Action dated December 17, 2003

3. (Previously Presented) The method of claim 3, wherein the request transmitted in step (c) identifies the unique electronic address of the user-selected file.

4. (Currently Amended) The method of claim 1, wherein the electronic addresses of the plurality of files are concatenated in a multilink URL associated with the multilink, the multilink URL being contained in the file interpretable to display the multilink.

5. (Previously Presented) The method of claim 5, wherein the menu of options is generated by parsing, at the client computer, the multilink URL to identify each electronic address and presenting an option in the menu of options for each of the electronic addresses.

6. (Previously Presented) The method of claim 6, wherein the menu of options is generated in step (b) by a computer program for parsing the multilink URL to identify the electronic addresses and generating the menu of options.

7. (Previously Presented) The method of claim 7, wherein the menu of options comprises a pop-up menu that no more than partially obscures a web page containing the multilink.

8. (Previously Presented) The method of claim 8, wherein the electronic addresses include an electronic address of a default file containing the computer program.

9. (Previously Presented) The method of claim 9, further comprising the step of:

(e) receiving, at the client computer, the computer program, step (e) being performed before step (b).

Reply to Office Action dated December 17, 2003

10. (Previously Presented) The method of claim 10, wherein a proxy computer for relaying a communication between a client computer and a server computer interconnects the client computer to the server computer and wherein the proxy computer appends the computer program to every file transmitted from the proxy computer, the method further comprising the step of:

(f) transmitting, from the proxy computer to the client computer, the file containing the multilink URL, the file having the computer program appended thereto, step (f) being performed before step (e).

11. 12. (Previously Presented) The method of claim 10, wherein a proxy computer for relaying a communication between a client computer and a server computer interconnects the client computer to the server computer and wherein the proxy computer appends the computer program to every file containing a multilink URL which is transmitted from the proxy computer, the method further comprising the step of:

(f) transmitting, from the proxy computer to the client computer, the file containing the multilink URL, the file having the computer program appended thereto, step (f) being performed before step (e).

13. (Previously Presented) The method of claim 10, wherein a proxy computer for relaying a communication between a client computer and a server computer interconnects the client computer to the server computer and wherein the proxy computer embeds a reference to the computer program in every file transmitted from the proxy computer, the method further comprising the steps of:

(f) transmitting, from the proxy computer to the client computer, the file containing the multilink URL, the file having the reference to the computer program embedded therein, step (f) being performed before step (e); and

(g) transmitting, from the client computer, a request for transmission of the computer program to the client computer, step (g) being performed intermediate steps (f) and (e).

13. *14.* (Previously Presented) The method of claim *10*, wherein a proxy computer for relaying a communication between a client computer and a server computer interconnects the client computer to the server computer and wherein the proxy computer embeds a reference to the computer program in every file containing a multilink URL which is transmitted from the proxy computer, the method further comprising the steps of:

(f) transmitting, from the proxy computer to the client computer, the file containing the multilink URL, the file having the reference to the computer program embedded therein, step (f) being performed before step (e); and

(g) transmitting, from the client computer, a request for transmission of the computer program to the client computer, step (g) being performed intermediate steps (f) and (e).

14. *15.* (Original) The method of claim 1, wherein the menu of options comprises hyperlinks associated with URLs.

15. *16.* *14.* (Original) The method of claim *15*, wherein at least one of the hyperlinks is a multilink.

16. *17.* (Currently Amended) A servicing computer for servicing a request for a file initiated by a client computer connected to the servicing computer by a communications network, the servicing computer comprising:

a memory;

a processor;

a first computer program stored in the memory for displaying, at the client computer, a multilink as a hyperlink, the multilink providing a logical point of access

to a plurality of distinct files, each of the plurality of distinct files having a respective unique electronic address, each of the electronic addresses being associated with the multilink, each of the electronic addresses being contained in a file at the client computer, the file containing the electronic addresses of the distinct files being interpretable to display the multilink;

a second computer program stored in the memory for generating a menu of user-selectable options responsive to a user's selection of a multilink to a plurality of files, each of option of the menu of options being associated with at least one of the plurality of files; and

a third computer program stored in the memory for appending the first computer program to a file transmitted by the servicing computer.

17.

18. (Original) The servicing computer of claim 17, wherein the servicing computer is a server computer.

18.

19. (Original) The servicing computer of claim 17, wherein the servicing computer is a proxy computer for relaying a communication between a client computer and a server computer.

19.

20. (Previously Presented) The servicing computer of claim 19, wherein the third computer program is configured to append the second computer program only to files transmitted by the servicing computer which contain a multilink URL.

20.

21. (Currently Amended) A servicing computer for servicing a request for a file initiated by a client computer connected to the servicing computer by a communications network, the servicing computer comprising:

a memory;

a processor;

a first computer program stored in the memory for displaying, at the client computer, a multilink as a hyperlink, the multilink providing a logical point of access to a plurality of distinct files, each of the plurality of distinct files having a respective

20

unique electronic address, each of the electronic addresses being associated with the multilink, each of the electronic addresses being contained in a file at the client computer, the file containing the electronic addresses being interpretable to display the multilink;

a second computer program stored in the memory for generating a menu of user-selectable options responsive to a user's selection of a multilink to a plurality of files, each of option of the menu of options being associated with at least one of the plurality of files; and

a third computer program stored in the memory for embedding a reference to the second computer program to a file transmitted by the servicing computer.

21.

22. (Original) The servicing computer of claim 21, wherein the servicing computer is a server computer.

22.

23. (Original) The servicing computer of claim 21, wherein the servicing computer is a proxy computer for relaying a communication between a client computer and a server computer.

23.

24. (Previously Presented) The servicing computer of claim 23, wherein the third computer program is configured to embed a reference only in files transmitted by the servicing computer which contain a multilink URL.

25-27. (Canceled)

24.

28. (Currently Amended) A method of operation of a servicing computer for servicing a request from a client computer for a file stored on the servicing computer, the method comprising the steps of:

(a) appending, to the file requested by the client computer, a computer program for parsing, at the client computer, a multilink URL contained in the file, the multilink URL and comprising a plurality of electronic

addresses, each of the plurality of electronic addresses corresponding to a respective one of a plurality of distinct files, the program being capable of parsing the multilink URL to generate a menu of user-selectable options responsive to a user's selection of a multilink associated with the multilink URL, of the file being interpretable to display the multilink, each of the options corresponding to a respective one of the plurality of electronic addresses, and an associated one of the plurality of distinct files; and

(b) transmitting the file to the client computer responsive to a request therefor.

25.

26. (Previously Presented) The method of claim 28, wherein the computer program for generating a menu is appended in step (a) only if the file contains a multilink URL.

27.

28. (Currently Amended) A method of operation of a servicing computer for servicing a request from a client computer for a file stored on the servicing computer, the method comprising the steps of:

(a) embedding, in the file requested by the client computer, a reference to a computer program for parsing, at the client computer, a multilink URL contained in the file, the multilink URL and comprising a plurality of electronic addresses, each of the plurality of electronic addresses corresponding to a respective one of a plurality of distinct files, the program being capable of parsing the multilink URL to generate a menu of user-selectable options responsive to a user's selection of a multilink associated with the multilink URL, of the file being interpretable to display the multilink, each of the options corresponding to a respective one of the plurality of electronic addresses, and an associated one of the plurality of distinct files; and

(b) transmitting the file to the client computer responsive to a request therefor.

22

D

27. 31. (Original) The method of claim 30, wherein the computer program for generating a menu is embedded in step (a) only if the file contains a multilink URL.

28. 32. (Original) The method of claim 30, wherein the servicing computer stores the computer program for generating a menu.

29. 33. (Currently Amended) A method of operation of a computer comprising the steps of:

- (a) displaying a multilink as a hyperlink of a web page, the multilink providing a single logical point of access to a plurality of distinct files, each of the plurality of distinct files having a respective unique electronic address, each of the electronic addresses being associated with the multilink, each of the electronic addresses being contained in a file at the client computer, the file containing the electronic addresses of the distinct files being interpretable to display the multilink;
- (b) displaying a menu of options superimposed over the web page to no more than partially obscure the web page, in response to a user's selection of the multilink, each option corresponding to a respective one of the electronic addresses of the file; and
- (c) transmitting a request for a user-selected file associated with a user-selected option, the request being made using the respective one of the electronic addresses of from the file interpretable to display the multilink, the respective electronic address corresponding to a user-selected option.

30. 34. (Previously Presented) The method of claim 33, wherein the multilink is associated with a multilink URL comprising a plurality of electronic addresses.

31. 35. (Previously Presented) The method of claim 34, wherein the menu of options is a pop-up menu generated by parsing the multilink URL to identify each

Application No. 09/328,607 (Conf. No. 7017)
Reply to Office Action dated December 17, 2003

Docket No. Acharya 3-6-8

electronic address, and wherein an option is presented in the menu of options as a respective hyperlink for each electronic address.